



LITHOLOGIES

EU-1: DIAMOND MOUNTAINS LOCALITY

Chainman Shale: Shale, with a few thin interbeds of sandstone (Nolan and others, 1956, 1974), locally argillitic; in part not differentiated from the overlying unit; unit thickness as much as 1,300 m (4,265 ft) (Poole, F. G., written commun., 1978)

EU-2: PROSPECT RIDGE LOCALITY

Chainman Shale: Shale, with a few thin interbeds of sandstone. Not differentiated from adjacent units; thickness less than 1,524 m (5,000 ft) (Nolan and others, 1956)

Secret Canyon Shale: (Divisible into two subunits)

Lower subunit: Black, papery, argillaceous shale; true thickness in a drill hole 153.9 m (505 ft) (Wheeler and Lemmon, 1939)

EXPLANATION

- Locality boundary, approximate
- Locality extends into adjacent county; adjacent part shown on map of adjacent county
- Contact of exposed bedrock unit composed predominantly of clay-rich rock, with a dissimilar unit adjacent
- Fault; can constitute the contact of an exposed bedrock unit composed predominantly of clay-rich rock, with a dissimilar unit adjacent
- Location of reported thickness
- ★ County seat
- Town or village
- ⬢ U.S. Interstate Highway, with designation
- ⬢ U.S. Highway, with designation
- ⬢ State Route, with designation
- General direction of ground-water flow
- Boundary of discharge areas

PLATE 3. -- LOCALITIES OF EXPOSED CLAY-RICH BEDROCK IN EUREKA COUNTY, NEVADA, SUITABLE FOR FURTHER INVESTIGATION

